

CLAIMS

1. A reagent for measuring an alanine aminotransferase activity comprising L-alanine, 2-oxoglutaric acid, lactate dehydrogenase, and reduced nicotinamide adenine dinucleotide, characterized by further comprising a substance having an activity of inhibiting a lactate dehydrogenase activity.
2. The reagent for measuring an alanine aminotransferase activity according to claim 1, which is a two reagent-components system, and contains the substance having an activity of inhibiting a lactate dehydrogenase activity in either of a first reagent-component or a second reagent-component or both of the first and second reagent-components.
3. The reagent for measuring an alanine aminotransferase activity according to claim 2, wherein lactate dehydrogenase and the substance having an activity of inhibiting a lactate dehydrogenase activity are contained in the same reagent-component.
4. The reagent for measuring an alanine aminotransferase activity according to claim 1, which is a two reagent-components system, and contains at least lactate dehydrogenase in a first reagent-component and at least 2-oxoglutaric acid in a second reagent-component.
5. The reagent for measuring an alanine aminotransferase activity according to any one of claims 1 to 4, wherein the substance having an activity of inhibiting a lactate dehydrogenase activity is oxamic acid or a salt thereof.
6. A method for measuring an alanine aminotransferase activity, characterized by bringing a sample to be analyzed, which may contain alanine aminotransferase, into contact with L-alanine, 2-oxoglutaric acid, lactate dehydrogenase, reduced nicotinamide adenine dinucleotide, and a substance having an activity of inhibiting a lactate dehydrogenase activity.

7. The method for measuring an alanine aminotransferase activity according to claim 6, comprising the steps of: bringing a sample to be analyzed, which may contain alanine aminotransferase, into contact with L-alanine, 2-oxoglutaric acid, lactate dehydrogenase, reduced nicotinamide adenine dinucleotide, and a substance having an activity of inhibiting a lactate dehydrogenase activity, and measuring a decreased amount of reduced nicotinamide adenine dinucleotide or an increased amount of oxidized nicotinamide adenine dinucleotide generated.

8. The method for measuring an alanine aminotransferase activity according to claim 6 or 7, wherein the substance having an activity of inhibiting a lactate dehydrogenase activity is oxamic acid or a salt thereof.

9. The method for measuring an alanine aminotransferase activity according to claim 8, wherein a concentration of oxamic acid or a salt thereof is 0.005 to 5 mmol/L as a final concentration in a measuring system.

10. The method for measuring an alanine aminotransferase activity according to claim 6 or 7, wherein a concentration of lactate dehydrogenase is 100 U/L or more as a final concentration in a measuring system.